

Jeongwoon Kim

MS Student

Postech(Pohang University of Science and Technology)

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<https://kimjeongwoon98.github.io/>

EDUCATION

Feb. 2023 ~ Present	Pohang University of Science and Technology Department of Mathematics <i>Master Student</i>	77, Cheongam-ro, Nam-gu, Pohang-si, Gyeongsangbuk-do, Korea
Mar. 2017 ~ Feb. 2023	Kyung Hee University Sociology, Applied Mathematics(double major), Computer Science and Engineering(minor) <i>B.A. in Sociology</i> GPA: 3.935 / 4.3	24, Kyungheedaero, Dongdaemun-gu, Seoul, Korea

RESEARCH INTERESTS

- Evolutionary game theory
- Social network model
- Differential equation models
- Hidden markov chain model
- Brain network

RESEARCH EXPERIENCES

- Research Student at Department of mathematics, Postech, Korea (Mar. 2023 ~ Present) / Modify brain network model made by medical professor
- Undergraduate researcher at Department of applied Mathematics, Kyung Hee University, Korea (Sep. 2021 ~ Feb. 2023) / Apply optimal control method for target tracking model

AWARDS AND HONORS

- Participation award for Academic achievement, Kyung Hee University, Korea (Nov. 2021)
- Academic Excellent Scholarship, Kyung Hee University, Korea (Sep. 2017)
- Academic Excellent Scholarship, Korea Fire Safety Institute, Korea (Sep. 2017)

TEACHING EXPERIENCE

- Calculus1(Peter D. Lax and Maria Shea Terrell, Mar.23~Jun.23)

SKILLS AND TECHNIQUES

Computer Programming

- Python and R for data analysis, parallel computing(pytorch etc)
- Mathmatica for symbol calculation

Mathmatics Skills

- Matrix Calculation and Statistics for dimension reduction and Graphical model
- Spatital-temporal modelling
- Endogeneity problem